

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of: )  
Akitmitsu KAKUI et al. ) Confirmation No. 4856  
Application No.: 10/533,116 ) Group Art Unit: 1641  
Filed: April 29, 2005 ) Examiner: Lisa V. Cook

Title: DISEASE DIAGNOSING METHOD,  
METHOD FOR CREATING DATA  
FOR DISEASE DIAGNOSIS, AND  
DEVICE FOR CREATING DATA  
FOR DISEASE DIAGNOSIS

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**RE-SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY AND  
CHANGE OF CORRESPONDENCE ADDRESS**

In response to the Notice Regarding Power of Attorney dated July 14, 2008, issued in the above-identified application, Applicants hereby provide the following documents:

- (1) A copy of the Revocation and New Power of Attorney executed by the Assignee on February 28, 2006, and filed with the U.S. Patent and Trademark Office (USPTO) on March 14, 2006.
- (2) A copy of the Re-submission of Revocation of Original Power of Attorney and Grant of New Power of Attorney and Change of Correspondence Address filed in the USPTO on July 2, 2008.
- (3) A copy of the Notice of Recordation of Assignment Document documenting Hamamatsu Photonics K.K. as the assignee of application number 10/533,116.

- (4) A copy of the original executed Assignment document.

Applicants submit that the enclosed documents meet the requirements of 37 CFR 3.73(b) and respectfully request that the USPTO update the record to indicate Drinker Biddle & Reath LLP as the attorneys of record and address all future correspondence to Customer Number 55694 at the address identified below.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**

Dated: December 12, 2008

By: 

John G. Smith  
Registration No. 33,818

**CUSTOMER NO. 55694**  
**DRINKER, BIDDLE & REATH LLP**  
1500 K Street, N.W., Suite 1100  
Washington, D.C. 20005-1209  
Tel: (202) 842-8800  
Fax: (202) 842-8465



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/533,116	01/23/2006	Akimitsu Kakui	046124-5382

**CONFIRMATION NO. 4856**

**IMPROPER CPOA LETTER**

9629  
MORGAN LEWIS & BOCKIUS LLP  
1111 PENNSYLVANIA AVENUE NW  
WASHINGTON, DC 20004



Date Mailed: 07/14/2008

## NOTICE REGARDING POWER OF ATTORNEY

This is in response to the Power of Attorney filed 07/02/2008. The Power of Attorney in this application is not accepted for the reason(s) listed below:

- The Power of Attorney is from an assignee and the Certificate required by 37 CFR 3.73(b) has not been received.

/sibrahim/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3560245
<b>Application Number:</b>	10533116
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4856
<b>Title of Invention:</b>	Disease determination method, data generation method for disease determination and data generation system for disease determination
<b>First Named Inventor/Applicant Name:</b>	Akimitsu Kakui
<b>Customer Number:</b>	9629
<b>Filer:</b>	John G. Smith/Carolyn Merica
<b>Filer Authorized By:</b>	John G. Smith
<b>Attorney Docket Number:</b>	046124-5382
<b>Receipt Date:</b>	02-JUL-2008
<b>Filing Date:</b>	23-JAN-2006
<b>Time Stamp:</b>	17:42:21
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment		no			
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	46884_5382_211190_Resubmission_of_Power_of_Attorney.pdf	366360	no	9
			8d784e7bee84a6e66f9f363abfab2345062bc12		
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of: )  
 )  
Akitmitsu KAKUI et al. ) Confirmation No. 4856  
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Application No.: 10/533,116 ) Group Art Unit: 1641  
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Filed: 04/29/05 ) Examiner: Lisa V. Cook

Title: DISEASE DIAGNOSING METHOD,  
METHOD FOR CREATING DATA  
FOR DISEASE DIAGNOSIS, AND  
DEVICE FOR CREATING DATA  
FOR DISEASE DIAGNOSIS

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**RE-SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Applicants are hereby re-submitting the Revocation and New Power of Attorney executed by the Assignee on February 28, 2006. The enclosed Revocation and New Power of Attorney and Change of Correspondence Address was originally filed on March 14, 2006, as indicated on the postcard date-stamped by the U.S. Patent and Trademark Office (USPTO). Despite the original filing of the Revocation and Power of Attorney on March 14, 2006, the USPTO erroneously forwarded the most recent Office Action dated March 25, 2008 to the previous address of Applicants' representative.

Accordingly, Applicants hereby resubmit the previously submitted Revocation and New Power of Attorney and Change of Correspondence Address, and respectfully request that the


USPTO make these materials of record and send all future correspondence to the law firm of the undersigned as per the original Revocation.

Respectfully submitted,

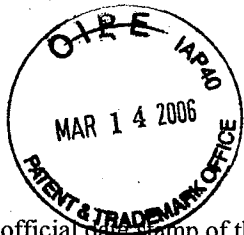
**DRINKER, BIDDLE & REATH LLP**

Dated: July 2, 2008

By:

  
\_\_\_\_\_  
John G. Smith  
Registration No. 33,818

**CUSTOMER NO. 55694**  
**DRINKER, BIDDLE & REATH LLP**  
1500 K Street, N.W., Suite 1100  
Washington, D.C. 20005-1209  
Tel: (202) 842-8800  
Fax: (202) 842-8465



# DrinkerBiddle&Reich

A Pennsylvania Limited Liability Partnership

L L P

Suite 1100

1500 K Street, N.W.

Washington, DC 20005-1209

202-842-8800 Phone

202-842-8465/66 Fax

The official date stamp of the United States Patent and Trademark Office hereon is acknowledgment of the receipt of:

## I. Application

- ☐ A. New Application
  - ☐ Provisional
  - ☐ Utility
  - ☐ Design
  - ☐ Plant
- ☐ B. Continuation/Divisional/Continuation-In-Part
  - ☐ § 1.53(b)
  - ☐ § 1.53 (f) – fee not included
- ☐ C. Specification: \_\_\_ Sheet(s)
- ☐ D. \_\_\_ Claim(s)
- ☐ E. \_\_\_ Drawing(s)
  - ☐ Formal
  - ☐ Informal
- ☐ F. Small Entity
- ☐ G. Combined Declaration & Power of Attorney

## II. Prosecution Documents

- ☐ A. Response and Request for Reconsideration
- ☐ B. Response and Request for Reconsideration Transmittal
  - ☐ \_\_\_ Month Extension of Time Petition
- ☐ C. Notice of Appeal
- ☐ D. Exhibit A
- ☐ E. Information Disclosure Statement
  - ☐ PTO Form 1449 – \_\_\_ page(s)
  - ☐ \_\_\_ Prior Art Reference(s)
- ☐ F. Issue Fee
  - ☐ Form PTOL-85
  - ☐ Request for \_\_\_ Soft Copies
- ☐ G. Formal Drawing(s): \_\_\_ Sheet(s)

## III. Post Issuance

- ☐ A. \_\_\_ Maintenance Fee
- ☐ B. Request for Correction of Letters Patent

## IV. Recordation

- ☐ A. Assignment Agreement (Number of Patents Covered: \_\_\_)
- ☐ B. Security Interest Agreement (Number of Patents Covered: \_\_\_)
- ☐ C. Change of Name, Merger or Other Transfer Document (Number of Patents Covered: \_\_\_)
- ☐ D. PTO Recordation Form Cover Sheet

## VI. Payment

- ☐ Check No. \_\_\_ for \$ \_\_\_
- ☐ Deposit Account No. \_\_\_ for \$ \_\_\_

## VII. Other

- ☐ A. Transmittal Letter
- ☒ B. Change of Correspondence Address
- ☒ C. Submission of Revocation of Original Power of Attorney and Grant of New Power of Attorney
- ☐ D. Appointment of Domestic Representative
- ☐ E. \_\_\_

Date:

March 14, 2006

Client No.:

46884

Attorney Docket No./File No.:

046124-5382

Title:

DISEASE DIAGNOSING METHOD, METHOD FOR CREATING DATA FOR DISEASE DIAGNOSIS, AND DEVICE FOR CREATING DATA FOR DISEASE DIAGNOSIS

First Named Inventor:

Akitmitsu KAKUI et al.

Application/Patent. No.

10/533,116

Attorney:

Peter J. Sistare

Secretary:

Carolyn Merica

D  
1126



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Akitmitsu KAKUI et al. )  
Application No.: 10/533,116 )  
Filed: 04/29/05 )

Title: DISEASE DIAGNOSING METHOD,  
METHOD FOR CREATING DATA FOR  
DISEASE DIAGNOSIS, AND DEVICE FOR  
CREATING DATA FOR DISEASE DIAGNOSIS

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

Enclosed is a copy of the Revocation of Original Power of Attorney and Grant of New Power of Attorney by the Assignee.

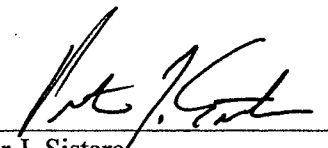
If there is any fee due in connection with the filing of this paper, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**

Dated: March 14, 2006

By:

  
Peter J. Sistare  
Registration No. 48,183

**CUSTOMER NO. 55694**  
**DRINKER, BIDDLE & REATH LLP**  
1500 K Street, N.W., Suite 1100  
Washington, D.C. 20005-1209  
Tel: (202) 842-8800  
Fax: (202) 842-8465

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignee: **HAMAMATSU PHOTONICS K.K.**

Commissioner for Patents  
Washington, D.C. 20231

**REVOCATION AND NEW POWER OF ATTORNEY**

Under 37 CFR §3.73(b), **HAMAMATSU PHOTONICS K.K.**, a Japanese corporation, certifies that it is an assignee of the patent applications and issued patents identified in the following chart by virtue of respective Assignment documents for each listed application and patent from the inventor(s) to **HAMAMATSU PHOTONICS K.K.** submitted to the U.S. Patent and Trademark Office. Assignment recordation and reel/frame number information are also provided.

Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
06/22/00	046124-5029	09/598,990	6,531,821	03/11/03	06/22/00; 010896/0411
07/28/00	046124-5036	09/628,446	6,392,282	05/21/02	07/28/00; 010988/0907
06/15/01	046124-5077	09/880,940	6,483,269	06/15/01	06/15/01; 011905/0325
04/02/04	046124-5096-02	10/816,181	6,943,957	09/13/05	08/23/04; 015718/0936
05/09/02	046124-5131	10/141,415	6,639,727	11/28/03	05/09/02; 012895/0018
06/11/03	046124-5223	10/450,110			06/11/03; 014527/0253
09/12/05	046124-5223-01	11/222,934			06/11/03; 014527/0253
07/21/04	046124-5226	10/466,336			07/21/04; 016901/0146
11/24/03	046124-5254	10/719,062			05/11/04; 015318/0481
06/15/04	046124-5256	10/479,341			06/15/04; 015526/0745
11/10/04	046124-5258	10/984,748			11/10/04; 015990/0717
07/26/04	046124-5262	10/482,779			07/26/04; 016091/0128
02/25/04	046124-5274	10/785,411			10/27/04; 015927/0048
02/25/04	046124-5275	10/785,412			10/27/04; 015927/0242
02/26/04	046124-5276	10/786,366			02/26/04; 015028/0160
02/27/04	046124-5279	10/787,539			12/02/04; 016036/0205

Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
03/19/04	046124-5282	10/804,194			
03/26/04	046124-5285	10/491,110			10/07/04; 016234/0038
10/13/04	046124-5291	10/492,818			10/13/04; 016022/0991
04/27/04	046124-5293	10/493,845			10/21/04; 016023/0915
05/28/04	046124-5294	10/497,087			05/28/04; 015834/0917
06/18/04	046124-5297	10/499,209			06/18/04; 016022/0868
05/18/04	046124-5299	10/495,876			05/18/04; 015872/0067
06/25/04	046124-5302	10/500,239			06/25/04; 016130/0392
04/15/05	046124-5303	10/500,238			04/20/05; 016550/0504
06/28/04	046124-5305	10/876,776			11/29/04; 016013/0406
07/16/04	046124-5309	10/892,475			10/28/04; 015940/0890
04/21/05	046124-5311	10/504,267			
04/06/05	046124-5313	10/504,979			04/06/05; 016483/0794
09/03/04	046124-5314	10/506,508			09/03/04; 016542/0085
09/08/04	046124-5316	10/507,011			09/08/04; 016183/0012
06/28/05	046124-5317	10/507,321			06/28/05; 017028/0008
09/10/04	046124-5318	10/507,392			04/08/05; 016583/0722
09/17/04	046124-5320	10/508,126			09/17/04; 016344/0289
09/21/04	046124-5322	10/508,793			05/03/05; 016584/0370
10/20/04	046124-5326	10/968,261			10/20/04; 015915/0893
08/16/05	046124-5327	10/510,213			
06/27/05	046124-5328	10/510,212			
10/14/04	046124-5329	10/511,086			10/14/04; 016372/0287
10/19/04	046124-5331	10/967,301			10/19/04; 015912/0346
10/25/04	046124-5332	10/512,433			
12/16/04	046124-5333	10/518,234			12/16/04; 016774/0047
10/21/04	046124-5334	10/969,319			
11/05/04	046124-5335	10/513,610			11/05/04; 016443/0001
11/10/04	046124-5337	10/514,011			11/10/04; 016697/0317
11/10/04	046124-5338	10/514,013			11/10/04; 016414/0330
11/19/04	046124-5340	10/992,218			
11/19/04	046124-5341	10/515,112			

Filing Date	Attorney Docket No.	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
11/24/04	046124-5342	10/515,548			11/24/04; 016413/0800
02/23/05	046124-5343	29/223,909			
11/29/04	046124-5344	10/516,076			11/29/04; 016413/0665
07/25/05	046124-5345	10/518,392			
12/22/04	046124-5347	11/018,573			
01/07/05	046124-5350	11/030,319			04/27/05; 016498/0007
10/26/05	046124-5351	10/522,180			
01/26/05	046124-5352	11/042,345			05/03/05; 016515/0331
09/12/05	046124-5354	10/522,812			
02/08/05	046124-5356	11/052,470			04/27/05; 016507/0778
02/22/05	046124-5358	10/525,196			02/22/05; 016897/0845
02/22/05	046124-5359	10/525,248			02/22/05; 016805/0357
02/25/05	046124-5360	10/525,670			
09/16/05	046124-5362	10/525,654			
02/25/05	046124-5363	11/066,318			05/03/05; 016515/0352
06/10/05	046124-5364	10/538,642			
06/06/05	046124-5365	10/537,587			
03/11/05	046124-5366	10/527,448			
03/24/05	046124-5368	10/529,060			
03/18/05	046124-5370	10/528,232			03/18/05; 016955/0225
04/01/05	046124-5375	10/530,048			
03/31/05	046124-5376	10/529,653			
04/08/05	046124-5377	10/530,754			
04/08/05	046124-5378	10/530,756			
05/02/05	046124-5380	10/533,453			
05/02/05	046124-5381	10/533,441			05/02/05; 017120/0035
04/29/05	046124-5382	10/533,116			
05/17/05	046124-5383	10/535,206			
05/25/05	046124-5384	10/536,280			

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Assignee : HAMAMATSU PHOTONICS, K.K.

Page : 4

Acting on behalf of the assignee, the undersigned hereby revokes all powers of attorney previously granted in these applications and patents and appoints:

Customer Number 55694  
DRINKER BIDDLE & REATH LLP  
1500 K Street, N.W., Suite 1100  
Washington, DC 20005

with full power of substitution and revocation, to prosecute the applications and to transact all business in the United States Patent and Trademark Office connected with these patent applications and issued patents.

All correspondence regarding these applications should be sent to JOHN G. SMITH at:

Customer Number 55694  
DRINKER BIDDLE & REATH LLP  
1500 K Street, N.W., Suite 1100  
Washington, DC 20005

Respectfully submitted,

Date: Feb. 28. 2006



(Signature) Akira UTSUYAMA

Title: Group Manager  
Technology & Information  
Management Division  
Patent Group

HAMAMATSU PHOTONICS K.K.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of: )  
Akitmitsu KAKUI et al. )  
Application No.: 10/533,116 )  
Filed: 04/29/05 )

Title: DISEASE DIAGNOSING METHOD,  
METHOD FOR CREATING DATA FOR  
DISEASE DIAGNOSIS, AND DEVICE FOR  
CREATING DATA FOR DISEASE  
DIAGNOSIS

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**CHANGE OF CORRESPONDENCE ADDRESS**

Please enter the correspondence address of this application as:

**Customer Number 55694**

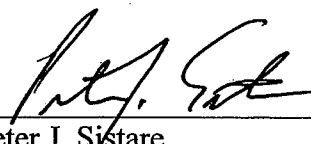
A new power of attorney appointing the undersigned is being filed concurrently herewith.  
If there is any fee due in connection with the filing of this paper, please charge the fee to our  
Deposit Account No. 50-0573.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**

Dated: March 14, 2006

By:

  
Peter J. Sistare  
Registration No. 48,183

**CUSTOMER NO. 55694**  
**DRINKER, BIDDLE & REATH LLP**  
1500 K Street, N.W., Suite 1100  
Washington, D.C. 20005-1209  
Tel: (202) 842-8800  
Fax: (202) 842-8465

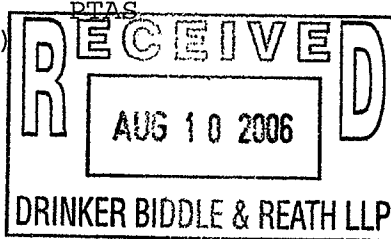


UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 03, 2006

DRINKER BIDDLE & REATH (DC)  
1500 K STREET, N.W.  
SUITE 1100  
WASHINGTON, DC 20005-1209



\*103269673A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/23/2006

REEL/FRAME: 018050/0373  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 46884-5382

ASSIGNOR:  
KAKUI, AKIMITSU

DOC DATE: 04/29/2005

ASSIGNOR:  
HONZAWA, KATSU

DOC DATE: 05/10/2005

ASSIGNOR:  
SATO, YUKIKO

DOC DATE: 05/10/2005

ASSIGNEE:  
HAMAMATSU PHOTONICS K.K.  
1126-1, ICHINO-CHO, HAMAMATSU-SHI  
SHIZUOKA 435-8558, JAPAN

018050/0373 PAGE 2

SERIAL NUMBER: 10533116

FILING DATE: 01/23/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: DISEASE DETERMINATION METHOD, DATA GENERATION METHOD FOR DISEASE  
DETERMINATION AND DATA GENERATION SYSTEM FOR DISEASE DETERMINATION

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION



Rec'd PCT TO 23 JAN 2006

37-06-2006

FORM PTO-1595

(Rev. 6-93)



103269673

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

SHEET

Attorney Docket No.: 46884-5382

To the Commissioner for Patents

ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Akimitsu KAKUI
- (2) Katsu HONZAWA
- (3) Yukiko SATO

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: HAMAMATSU PHOTONICS K.K.

Street Address: 1126-1, Ichino-cho, Hamamatsu-shi,  
Shizuoka 435-8558 Japan

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other \_\_\_\_\_

Execution Date: (1) April 29, 2005, (2)-(3) May 10, 2005

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. New Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s) 10/533,116

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John G. Smith

Internal Address: DRINKER BIDDLE & REATH LLP  
Customer No. 55694

Street Address: 1500 K. Street, N.W., Suite 1100  
City: Washington State: D.C. Zip: 20005-1209

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

- ☒ Enclosed
- ☐ Authorized to be charged to Deposit Account 50-0573

8. Deposit Account No. 50-0573  
(Attach duplicate page if paying by deposit account)

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Peter J. Sistare, Reg. No. 48,183

Name of Person Signing

Signature

January 23, 2006

Date

Total number of pages including cover sheet, attachments and documents: 2

**ASSIGNMENT**

Whereas, I/we,

NameAddress

1) Akimitsu KAKUI

c/o Hamamatsu Photonics K.K.,

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Hamamatsu-shi, Shizuoka 435-8558 Japan

c/o Hamamatsu Photonics K.K.,

2) Katsu HONZAWA

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c/o Hamamatsu Photonics K.K.,

3) Yukiko SATO

1126-1, Ichino-cho,  
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hereinafter called assignor(s), have invented certain improvements in

**DISEASE DETERMINATION METHOD, DATA GENERATION METHOD FOR DISEASE DETERMINATION AND DATA GENERATION SYSTEM FOR DISEASE DETERMINATION**

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on April 29, 2005, Serial No. 10/533,116; and

Whereas

**HAMAMATSU PHOTONICS K.K.**1126-1, Ichino-cho,  
Hamamatsu-shi, Shizuoka 435-8558 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORSDATE SIGNED

1):

Name:

角井 昭充

Akimitsu KAKUI

April 29, 2005

2):

Name:

本澤 克

Katsu HONZAWA

May 10, 2005

3):

Name:

佐藤 由紀子

Yukiko SATO

May 10, 2005